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To: Examiner Daniel H. Pan From: Forrest Gunnison
Fax: 1-571-273-8300 Pages: 12 Total
Phone: 1-571-272-4172 Date: October 16, 2006

Re: Response to Final Office Action for entry

Your Ref: Serial No. 10/660,169 Our Ref: P-9236

AFTER FINAL EXPEDITED PROCEDURE

Applicants: Robert D. Nuckolls et al.
Assignee: Sun Microsystems, Inc.
Title: EFFICIENT BRANCH PREDICTION STRUCTURE
Serial No.: 10/660,169 Filed: September 11, 2003
Examiner: Daniel H. Pan Group Art 2183
Unit:
Docket No.: P-9236

Enclosed is:

- 1) Transmittal letter (2 pages); and
- 2) Amendment under Rule 116 (9 pages).

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify this paper is being facsimile transmitted to the Patent and Trademark Office (fax No. 571-273-8300) on the date shown below:

Rivkah Young
Signature
Rivkah Young

October 16, 2006

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OCT 16 2006

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October 16, 2006

AFTER FINAL EXPEDITED PROCEDURE

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

RE: Applicant(s): Robert D. Nuckolls et al.
Assignee: Sun Microsystems, Inc.
Title: EFFICIENT BRANCH PREDICTION STRUCTURE
Serial No.: 10/660,169 Filed: September 11, 2003
Examiner: Daniel H. Pan Group Art Unit: 2183
Docket No.: P-9236

Dear Sir:

Transmitted herewith are the following documents for the response to the Final Office Action dated August 16, 2006 in the above application:

1. Facsimile Coversheet (1 page);
2. This Transmittal Letter (2 pages); and
3. Amendment under Rule 116 (9 pages).

☒ No additional claims fees are required.

GUNNISON, MCKAY & HODGSON, L.L.P.

Transmittal Letter
 Serial No. 10/660,169
 October 16, 2006

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CLAIMS AS AMENDED

	Claims Remaining after Amendment	Highest No. Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	44	- 44	= 0	x \$50.00	\$ 0.00
Independent Claims	7	- 7	= 0	x \$200.00	\$ 0.00
First filing of Multiple Dependent Claim (Enter \$290)					0.00
Total of above Calculation					\$0.00
Reduction by 50% for filing by Small Entity (Enter 0.5 for small entity)					1.0
Subtotal					\$ 0.00
Submission of Information Disclosure Statement Fee (enter \$180)					0.00
TOTAL					\$ 0.00

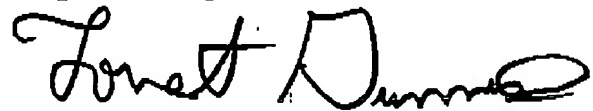
☒ Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed documents after all papers filed with this transmittal have been considered, Applicant(s) hereby petition for such an extension of time.

☒ The Commissioner is hereby authorized to charge any additional fees required for consideration of the enclosed documents, and to credit any overpayment of fees to Deposit Account No. 50-0553.

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office, Fax No. (571) 273-8300, on October 16, 2006.

Respectfully submitted,



Forrest Gunnison
 Attorney for Applicant(s)
 Reg. No. 32,899


 Rivkah Young

October 16, 2006
 Date of Signature

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Appl. No. 10/660,169
Amdt. dated October 16, 2006
Reply to Final Office Action of August 16, 2006

**AFTER FINAL EXPEDITED PROCEDURE
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Robert D. Nuckolls, Rabin A. Sugumar, and Chandra M.R. Thimmannagari
Assignee: Sun Microsystems, Inc.
Title: EFFICIENT BRANCH PREDICTION STRUCTURE
Serial No.: 10/660,169 Filed: September 11, 2003
Examiner: Daniel H. Pan Group Art Unit: 2183
Docket No.: P-9236

Monterey, CA
October 16, 2006

Mail Stop AF
Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER RULE 116

Dear Sir:

In response to the Office Action dated August 16, 2006,
please consider:

1. Remarks begin on page 2 of this paper.

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HODGSON, L.L.P.
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